

## Technical data sheet



### Uses

- for industrial and commercial areas
- for swimming pools
- for joint width between 3 - 15 mm

### Advantages

- CG2 WA according to EN 13888
- increased resistance to acid cleaning agents
- high mechanical resistance and abrasion resistance



## High-strength grout mortar for areas subject to high stress

### Fields of application

**weber.fug 873** is suitable for grouting ceramic wall and floor coverings, mosaic, quarterbricks of fine stoneware, stoneware, split tiles, and factory-treated natural stones that are not susceptible to moisture/discolouration. For floors and walls. Indoors and outdoors.

Convenient on balconies and terraces, swimming pools, pool perimeters, refrigerated warehouses, car wash facilities, laundry facilities, commercial kitchens, storage and sales rooms, industrial and commercial surfaces.

### Description

**weber.fug 873** is a high-strength grout mortar in accordance with EN 13888.

### Composition

High-quality cement, selected fillers

### Main features

- one-component
- frost-resistant
- high-density mortar structure
- satisfies the KSW recommendations
- good resistance from pH-value > 4.5
- resistant to high-pressure cleaners to +150 °C with 100 bar

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Supervisory Board: Hartmut Fischer • Management Board: Alfred Hörner (chairman), Roman Lackner

## Quality control

weber.fug 873 is subject to a regular internal quality control.

## Technical data

Pot life	approx. 30 minutes
Open to pedestrian traffic	after approx. 4 hours
Open to mechanical load	after approx. 3 days
Open to chemical load	after approx. 7 days
Application temperature	from + 5 °C up to + 30 °C
Resistance to temperatures	from - 20 °C up to + 70 °C

## General notices

- All characteristics are based on a temperature of + 23 °C without draught and relative humidity rate of 50 %.
- Do not use material that has already stiffened.
- Higher temperatures and lower humidity accelerate, lower temperatures and higher humidity delay the course of the reaction.
- Different absorbency behaviour of substrate, tiling material, and joint flanks can induce colour differences in the hardened grout mortar.
- With porous (also microporous), rough, and matte surfaces, mortar residues can accumulate. If in doubt, grout trial surfaces.
- If necessary such discolouration can be prevented by pre-wetting the covering.
- For grouting of natural or artificial stones comply with the installation recommendations provided by the respective manufacturer.
- Preliminary tests must be carried out if there is any doubt.
- In case of moisture-sensitive natural stones use the grout mortar **weber.fug 875 F**.
- Corner joints, connection joints to installed components and pipe ducts must be executed elastically with a silicone sealant for e.g. **weber.fug 880 / 881 / 882 / 883** according to the requirements.
- The type and appearance of the tiling material used can have an influence on the colouring of the grout mortar. If necessary, test first on a test surface.

## Specific notices

- The use of cleaners for the grout mortar on floors is possible after approx. 7 days. Respect the instructions of their suppliers relating to the right dilution ratio.
- Only use cleaning agents on the RK list (list of tested cleaning agents for ceramic coverings in swimming pools (Liste geprüfter Reinigungsmittel für keramische Beläge in Schwimmbädern) issued by the Deutschen Gesellschaft für das Badewesen (German Association for Swimming Pool Facilities).
- Ensure that joints are thoroughly pre-wet before using cleaning agents.
- Comply with the information in the chemical resistance chart.
- In case of use in exterior areas the possibility of environment-related discolouration, fading and efflorescence cannot be ruled out.
- Only use for areas that are permanently under water if the water hardness is  $\geq 5$  ° German hardness.

## Preparation of substrates

- The joint network must be dry, free of tile adhesive residues, and adhesion-impairing substances. If necessary scrape out joints before the tile adhesive hardens so that a continuous, uniform joint cross section is achieved.

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- Allow the tile adhesive to dry and harden prior to grouting; otherwise differences in colour can occur in the hardened joints.
- Highly-absorbent coverings and coverings with varying porosity must be pre-wet with clean water and a sponge to achieve more uniform drying and setting of the grout mortar.
- Do not grout on areas with a varying surface temperature (e.g. due to hot water or heating pipes, or the effects of sunlight).

### Working instructions

- The grout mortar mixtures must always be mixed and processed with the same specified amount of water, in order to avoid colour differences.
- Depending on the desired consistency the material must be mixed with clean gauging water until homogeneous and lump-free.
- Comply with the specified mixing ratio.
- If required the grout mortar can be stirred up with the trowel or the stirrer **weber.sys N° 2 or N° 8** without adding more water.
- Work the grout mortar into the joints flush and deep with the hard rubber board. After a few minutes again apply some grout mortar, smooth down the surface cleanly, with diagonal movements and remove excess material.
- Use your finger to test whether the grout mortar in the joints has stiffened and thus is ready for washing. The stiffened grout mortar can be formed with a latex sponge and subsequently the covering can be rinsed with clean water.
- After setting, wipe away any dried grout film with a slightly damp sponge in a subsequent washing process.
- The joints should be kept sufficiently moist in unfavourable weather conditions, so as to avoid scorching of the joint surface.

### Consumption

Split tiles 24 x 11.5 cm:	approx. 2.1 kg/m <sup>2</sup>
Tiles 20 x 20 cm:	approx. 1.5 kg/m <sup>2</sup>
Small mosaic:	approx. 1.5 kg/m <sup>2</sup>

### Practical information

<b>Color</b>	medium grey
<b>Tools</b>	hard rubber board
<b>Water ratio</b>	5.0 to 5.5 litres / 25 kg bag
<b>Storage</b>	the product can be stored at least 6 months in its original unopened packaging, if kept dry.

Packaging	Sales unit	Number per wrapped euro-pallet
Paper bag	25 kg	42 bags

### Legal notes

The correct and hence successful application of our products is not within our control. A guarantee can therefore only be accepted for the quality of our products within the framework of our sale and supply conditions but not for their successful use. The correct and hence successful application of our products is not within our control. A guarantee can therefore only be accepted for the quality of our products within the framework of our sale and supply conditions but not for their successful use.

Observe the safety precautions for protection of health and prevention of accidents given in the safety data sheet and on the label of the packaging.

This data sheet supersedes all earlier technical data on this product. Information supplied by our employees and/or distributors going beyond the scope of this data sheet must be confirmed in writing.

We reserve the right to make changes representing technical progress.

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